

# Sahil Jain

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## About me

Recent postgraduate with comprehensive knowledge in computer networking, cloud computing, and virtualization technologies. Proficient in CI/CD methodologies, Git, Terraform, Docker, Kubernetes, Python, Bash scripting, Grafana, AWS, and Azure. Eager to apply these skills to innovative cybersecurity projects, with a solid foundation in Agile/Scrum methodologies.

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## Technical Skills

- Languages: C/C++, Python, SQL, Shell Scripting (Linux)
  - Cloud Platforms: AWS, Azure
  - Tools: Jenkins, Docker, Kubernetes, GitHub, SonarQube, Jira
  - Other: CI/CD, Git, IaC (Terraform), Bash scripting, Grafana monitoring, Security, Agile/Scrum
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## Certifications

- Microsoft Azure Fundamentals (AZ-900) - [Link](#)
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## Education

- MCA / Vellore Institution of Technology, Chennai  
September 2022 – July 2024 GPA :- 7.94
  - BSC-IT / NM College, Mumbai  
July 2019 - April 2022, Mumbai University CGPA :- 8.45
  - Higher Secondary School / Sydenham College, Mumbai  
Aug 2017-April 2019, Maharashtra Board Percentage :- 81%
  - Secondary School / RBK School, Mumbai  
April 2015-April 2017, ICSE Board Percentage :- 89.8%
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## Projects

- Datasets - Kotlin App
    - Description: Developed an app for tracking Indian stock market and cryptocurrency prices, using API. Integrated Firebase for backend and implemented OTP authentication.
    - Relevance: Demonstrates app development skills and backend management, applicable in secure financial technology environments.
  - Deployed Website - AWS, Jenkins ( [Link](#) )
    - Description: Deployed a website on a Docker container using AWS, implemented a CI/CD pipeline with Jenkins for seamless updates.
    - Relevance: Highlights skills in deploying secure applications and utilizing CI/CD tools, important for maintaining secure and robust cybersecurity infrastructures.
  - Web Scraping Script - Python
    - Description: Created a Python script using BeautifulSoup to extract stock information from Yahoo Finance.
    - Relevance: Showcases ability to extract and handle data securely, a key component in cybersecurity for data protection and threat intelligence.
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## Experience

- DevOps Intern, Solytics Partners  
August 2023 – May 2024
    - Executing end-to-end CI/CD pipelines using Jenkins, optimizing build processes through Groovy scripting.
    - Containerizing applications with Docker for efficient deployment and scalability.
    - Conducting code quality analysis using SonarQube to enhance software reliability.
    - Orchestrating containerized applications on Kubernetes for seamless deployment and scalability.
    - Collaborating on GitHub for version control and maintaining a streamlined development workflow.
    - Utilizing AWS and Azure for infrastructure management, contributing to efficient deployment processes.
    - Technologies Used: AWS, Docker, Jenkins, Groovy Scripts, Kubernetes, GitHub, Azure
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## Extra Circular Activities

- Participated in SET Conference and produce a research paper on Automatic Number Plate Detection.
- Participated in MUNs and was a part of the MUN PR team in my UG College.
- Designed a workshop based on Adobe Photoshop in my UG College.